

## AMENDMENTS TO THE CLAIMS

Amend the claims in accordance with the instructions that follow:

1. (currently amended) Reinforced thermoplastic polyamide ~~molding materials~~ molding materials having simultaneously good surface quality, good flowability and good heat dimensional stability from polyamide compositions on basis of semi-crystalline semi-aromatic ~~polyamides and copolyamides~~ (co)polyamide having a melting point of at least 240°C (A) and amorphous (co)polyamides (B), characterized in that said polyamide compositions comprise:

~~(B) 92-85~~ (A) 67-15 wt.-% of a semi-crystalline semi-aromatic (co)polyamide, formed by

(A<sub>1</sub>) 50-80 mol-% of units of terephthalic acid based on the whole amount of total acids,

(A<sub>2</sub>) 20-50 mol-% of units of isophthalic acid based on the whole amount of total acids,

the sum total of units of dicarboxylic acids being 100 mol-%,

(A<sub>3</sub>) 100 mol-% of units of at least one linear or branched aliphatic diamine having 4-25 carbon atoms, ~~including hexamethylenediamine,~~

the percentage molar amount of phthalic acids in said semi-crystalline semi-aromatic (co)polyamide being nearly 100 mol-% and the percentage molar amount of diamines being nearly 100 mol-%,

(B) 8-15 wt.-% of ~~a non-crystalline or low-crystalline~~ (co)polyamide said amorphous (co)polyamides having a melting enthalpy of not more than 1 cal/g, formed by

(B<sub>1</sub>) 55-100 mol-% of units of isophthalic acid based on the whole amount of total acids,

(B<sub>2</sub>) 0-45 mol-% of units of terephthalic acid based on the whole amount of total acids,

(B<sub>3</sub>) 100 mol-% of units of at least one linear or branched aliphatic ~~or alicyclic~~ diamine having 4-25 carbon atoms, ~~especially hexamethylenediamine,~~ based on the whole amount of present diamines the percentage molar amount of phthalic acids in said semi-crystalline semi-aromatic (co)polyamide

- being nearly 100 mol-% and the percentage molar amount of diamines being about 100 mol-%,
- (C) 25-70 wt.-% of a fibrous or particle ~~type~~ filler or mixtures thereof
- (D) 0-20 wt.-% of a ~~rubber like polymer~~ elastomer,
- (E) up to 30 wt.-% of usual additives and processing aid agents based on the total amount of said components (A) to (D), if required.

2.(currently amended) Polyamide molding materials according to claim 1 characterized in that said semi-crystalline semi-aromatic ~~(co)polyamides~~ (co)polyamide (A) have a melting point of about 280-350°C.

3.(currently amended) Polyamide molding materials according to claim 1 comprising 30-60 wt.-% of a fibrous or particle ~~type~~ filler or mixtures thereof, ~~glass fibres being preferred as fillers.~~

4.(currently amended) Polyamide molding materials according to ~~any one of~~ claim 1 characterized in that said amount of said semi-crystalline semi-aromatic (co)polyamide (A) is 90-85 wt.-% and said non-crystalline or low-crystalline

(co)polyamide is comprised in an amount between 10-15 wt.-% into said polyamide composition.

5.(original) Polyamide molding materials according to claim 4 characterized in that said semi-crystalline semi-aromatic (co)polyamide (A) comprises

- 60-80 mol-% of terephthalic acid,
- 20-40 mol-% of isophthalic acid,
- 100 mol-% of hexamethylenediamine,

the percentage molar amount of phthalic acids being about 100 % and the percentage molar amount of diamine being about 100 %.

6.(original) Polyamide molding materials according to claim 1 characterized in that said non-crystalline low-crystalline (co)polyamide (B) consists of

- 60-80 mol-% of isophthalic acid,
- 20-40 mol-% of terephthalic acid,
- 100 mol-% of hexamethylenediamine,

the percentage molar amount of phthalic acids  
being ~~about~~ 100 % and the percentage molar amount of  
diamine being ~~about~~ 100 %.

7. (currently amended) Reinforced thermoplastic polyamide  
molding materials having simultaneously good surface quality,  
good flowability and good heat dimensional stability from  
polyamide compositions on basis of semi-crystalline semi-  
aromatic (co)polyamide having a melting point of at least  
240°C (A) and amorphous (co)polyamides (B), characterized in  
that said polyamide compositions comprise:

(A) 67-15 wt.-% of a semi-crystalline semi-aromatic  
(co)polyamide, formed by

(A<sub>1</sub>) 50-80 mol-% of units of terephthalic acid based on the  
whole amount of total acids,

(A<sub>2</sub>) 20-50 mol-% of units of isophthalic acid based on the  
whole amount of total acids,  
the sum total of units of dicarboxylic acids being 100  
mol-%,

(A<sub>3</sub>) 100 mol-% of units of at least one linear or branched  
aliphatic diamine having 4-25 carbon atoms,

the percentage molar amount of phthalic acids in said semi-crystalline semi-aromatic (co)polyamide being nearly 100 mol-% and the percentage molar amount of diamines being nearly 100 mol-%,

(B) 8-15 wt.-% of said amorphous (co)polyamides having a melting enthalpy of not more than 1 cal/g, formed by

(B<sub>1</sub>) 55-100 mol-% of units of isophthalic acid based on the whole amount of total acids,

(B<sub>2</sub>) 0-45 mol-% of units of terephthalic acid based on the whole amount of total acids,

(B<sub>3</sub>) 100 mol-% of units of at least one linear or branched aliphatic or alicyclic diamine having 4-25 carbon atoms based on the whole amount of present diamines

the percentage molar amount of phthalic acids in said semi-crystalline semi-aromatic (co)polyamide being nearly 100 mol-% and the percentage molar amount of diamines being about 100 mol-%,

(C) 25-70 wt.-% of a fibrous or particle filler or mixtures thereof

(D) 0-20 wt.-% of a elastomer,

(E) up to 30 wt.-% of usual additives and processing aid  
agents based on the total amount of said components (A) to  
(D), if required further Polyamide molding materials  
~~according to claim 1~~ comprising prepolymeric polyamides  
having the relative viscosity of 1.01-1.30 (as measured in  
0.5% m-cresol solution) in amounts of 0.1-20 wt.-%, said  
prepolymeric polyamides being ~~of the same type~~ or different  
~~type~~ than said polyamide molding materials.

8.(original) Polyamide molding materials according to claim 1  
characterized in that said additives and processing aid  
agents are selected from the group consisting of chain  
capping agents, stabilizers, crystallization agents,  
plasticizers, dyes, pigments, antioxidants, flame  
retardants, antistatics, lubricants, mold release agents,  
conductive additives, and metal powders.

9.(original) Polyamide molding materials according to claim 1  
characterized in that they comprise up to 6 wt.-% of carbon  
black as additive (E).

10.(currently amended) Method for production of polyamide  
molding materials according to claim 1 wherein said

components (A) to (E) of said polyamide composition are mixed in the melt or dry state and if required, prepolymeric polyamides having defined viscosities and in amounts of 0.1 to 20 wt.-% of the polyamide matrix are mixed to said polyamide ~~molding materials~~ molding materials in said melt or dry state and at processing temperatures of 250-380°C they are processed and discharged.

11.(original) A method according to claim 10 characterized in that said molding materials are subjected to a post-condensation step.

12.(currently amended) A method of using ~~The use of~~ said polyamide ~~molding materials~~ molding materials according to claim 1 for production of molded parts ~~such as tubes, hollow bodies and other semi-finished products~~ or finished articles, ~~especially for production of supporting structures in motor vehicles.~~

13.(new) A method of using said polyamide molding materials according to claim 1 for production of supporting structures in motor vehicles.



- 14.(new) A method of using said polyamide molding materials according to claim 1 for production of tubes, hollow bodies and other semi-finished products.
- 15.(new) The polyamide molding materials according to claim 1 wherein said aliphatic diamine having 4-25 carbon atoms is including hexamethylenediamine.
- 16.(new) The polyamide molding materials according to claim 3 wherein said filler is glass fibers.
- 17.(new) A method of using said polyamide molding materials according to claim 7 for production of supporting structures in motor vehicles.
- 18.(new) A method of using said polyamide molding materials according to claim 7 for production of tubes, hollow bodies and other semi-finished products.
- 19.(new) The polyamide molding materials according to claim 7 wherein said aliphatic diamine having 4-25 carbon atoms is including hexamethylenediamine.
- 20.(new) The polyamide molding materials according to claim 7 wherein said filler is glass fibers.